GUANGYANG SECONDARY SCHOOL
2023 Semester Plan
Sec 4 Normal (Technical) (7062) – Design & Technology

Term 1	**Topic**	**Remarks**
Week 1	Coursework Expectations and Rubrics. Presentation board (Revision on Sec3 Work)	
Week 2	Revision on Electives (Design and Structures)	
Week 3	Revision on Electives (Electronics and Mechanisms)	CNY
Week 4	Gantt Chart Reflection Template	
Week 5	Theme Analysis Seeking Design Opportunity	WA1
Week 6	Interview and Survey Research (UEF) Product Analysis	
Week 7	Design Brief, Design Situation and Design Specifications Research (UEF)	
Week 8	Idea Exploration	
Week 9	Idea Exploration	
Week 10	Idea Exploration	Sec4/5 PTM
Term Break		
Term 2	**Topic**	
Week 1	Idea Conceptualisation and Development	
Week 2	Development	
Week 3	Mock-up Further development	Good Fri
Week 4 Good Friday	Mock-up Further development	
Week 5	Mock-up Further development	
Week 6	Final Design Part Drawing Material List	Hari Raya Puasa
Week 7	Final Dimensions Part Drawing Material List	Labour Day Commendation Day
Week 8	Production Planning Prototyping	WA2
Week 9	Prototyping Modifications	
Week 10	Prototyping Presentation Board	
Semester Break (June Holidays)	Prototyping Presentation Board	
Term 3	**Topic**	
Week 1	Presentation Board Evaluation	Hari Raya Haji (Thur)
Week 2	Improvements Final Gantt Chart Submission of Coursework	Youth Day (Mon)
Week 3	Revision on Design / Mechanisms	
Week 4	Revision on Mechanisms / Electronics	
Week 5	N Level Preliminary Examinations	
Week 6	N Level Preliminary Examinations	
Week 7	N Level Preliminary Examinations	

Syllabus for GCE N(T) Level Design & Technology (Subject code: 7062) can be retrieved from https://www.seab.gov.sg/docs/default-source/national-examinations/syllabus/nlevel/2023syllabus/7062_y23_sy.pdf

Assessment Weightings					
	Term 1	**Term 2**	**Term 3**	**Total**	
Sec 4-5	Written Test WA1 (15%)	Written Test WA2 (15%)	Preliminary Exam (70%)	100%	
	National Exam Coursework				

**Please note that the topics might be subject to minor changes. Students will be updated accordingly.*

2 Assessment for Exam Coursework

Paper 1 (30%) Written Examination (1 hour – 50 marks)

Candidates are to answer **all** questions. The questions will be design-centric.
Question 1 to 3 require knowledge application of Section 1 Design.
Question 4 and Question 5 require knowledge application of Section 2 Technology, specifically mechanisms and electronics.

The mark allocation is:

Question 1 to 3 18 out of 50 marks
Question 4 and 5 32 out of 50 marks

Paper 2 (70%) Design Project (70 marks)

The Design Project is an individual coursework-based examination.
The Design Project will comprise two components: The Design Journal and Presentation Board.